

# TESTING THE DAF FOR IMPLEMENTATION AT GEORGIA TECH

*“Alternatively, a shallower audit could be conducted across an entire institution to obtain a picture of holdings and data management.”  
Data Audit Framework Methodology, p. 13*

### Georgia Tech Research Data Needs Assessment:

To develop new services & tools targeted to GT researchers, the library requires a broad understanding of the research data environment across a university known for its de-centralized nature.

### Scope:

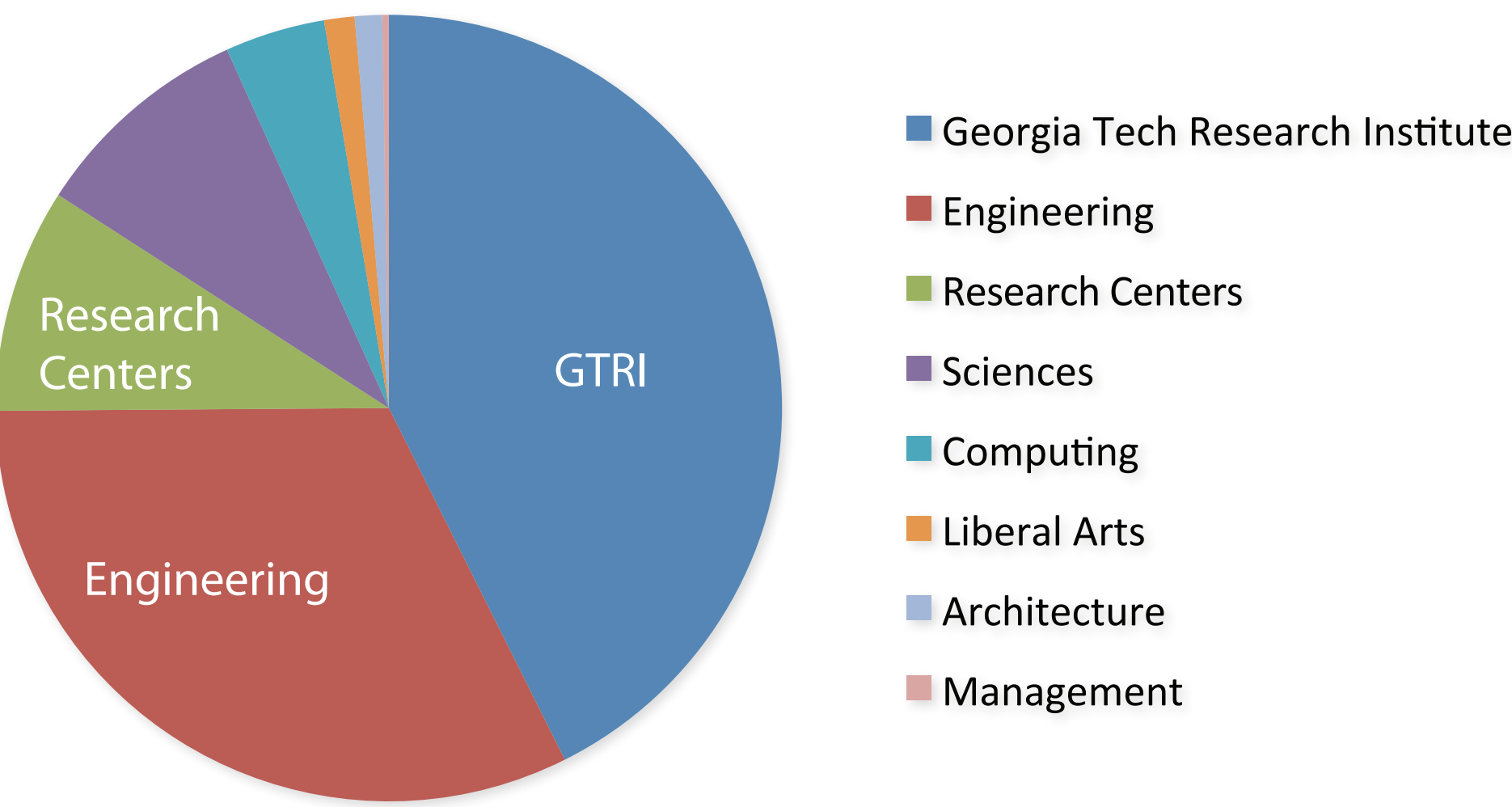
- Inclusion of technology-rich disciplines outside the Science & Engineering fields (e.g., Architecture, Digital Humanities, Music Technology)
- Inclusion of research projects with a wide spectrum of methodologies, practices, sponsorship, budgets, and data management requirements

### To discover:

- What types of data assets are created and held by researchers
- How that data are managed, shared, and preserved
- What researchers’ attitudes are toward data creation, sharing, and preservation

### Tools Used:

- Sample surveys from Data Asset Framework Implementation Guide [http://www.data-audit.eu/docs/DAF\\_Implementation\\_Guide.pdf](http://www.data-audit.eu/docs/DAF_Implementation_Guide.pdf)
- Drupal with Webform Module & CAS Module

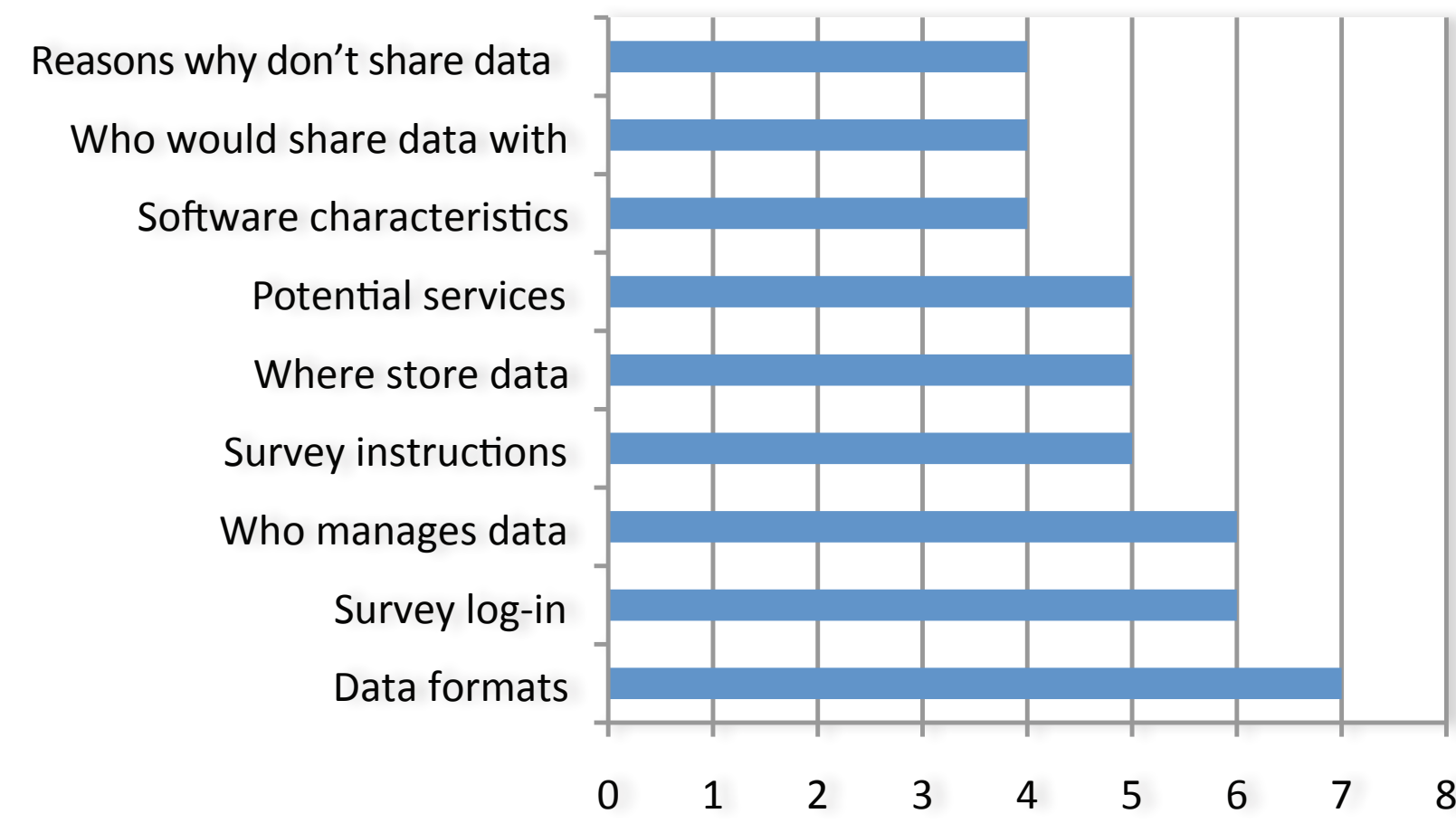


**FY09 GT Research Grants & Contracts Awarded: \$483,196,410**  
*(by recipient)*

### Pilot Study:

Survey tested by 1 or more researchers from each college, select research centers, & GTRI to insure the survey was usable across diverse disciplines & projects

<b>GTRI:</b>	Make clear that you mean raw data, not published papers
<b>Engineering:</b>	You should never throw away data – add “indefinitely” to choices
<b>Computing:</b>	With regards to size of generated data, consider economies of scale – change the ranges available
<b>Sciences:</b>	Need to mention IRB and sensitive data; reconsider the approach of making survey questions required
<b>Liberal Arts:</b>	What data are you talking about?
<b>Management:</b>	Survey is geared toward funded research; assistance with finding data is a really valuable service



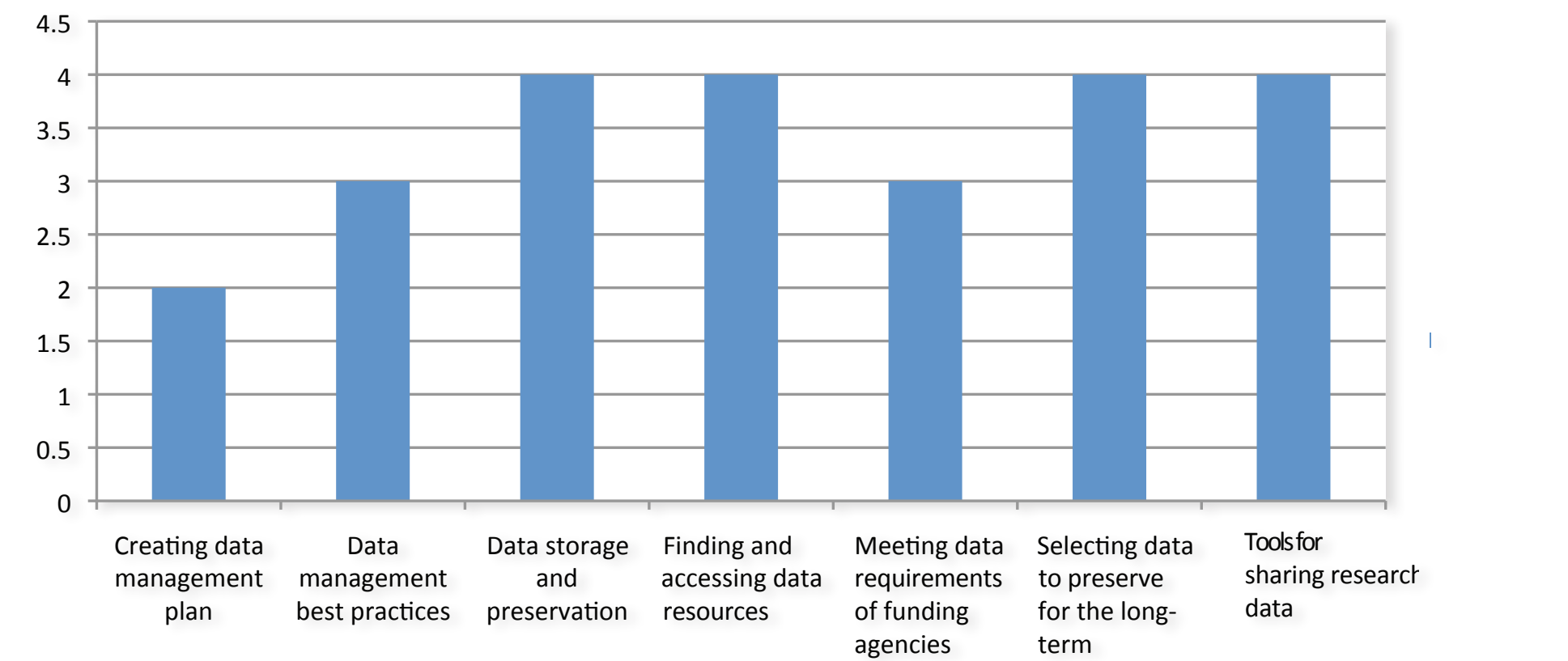
### Survey questions/features which generated the most feedback

#### Questions removed from original survey:

- Indicate which of the following characteristics best describe the research data created in your field
- Indicate how often the research data is updated
- Identify who owns the data from this project
- Choose all of the following characteristics that apply to the software used to create & maintain the data
- Indicate what portion of your research data you back up

### Modifications Based on Feedback:

Question/Feature	Modification
Survey login	<ul style="list-style-type: none"><li>• Removed Drupal login</li><li>• Added CAS login</li><li>• Login redirects to survey</li></ul>
Survey instructions	<ul style="list-style-type: none"><li>• Link to separate page with additional information</li><li>• Clarified which data to use to answer survey</li><li>• Added IRB information</li></ul>
Survey design	<ul style="list-style-type: none"><li>• Removed required function of questions</li><li>• Clarified the use of text boxes for additional information</li><li>• Changed “data” to “raw data” in several questions</li></ul>
Q: Choose all of the following formats that best describe your data	<ul style="list-style-type: none"><li>• Modified selections</li><li>• Added file extensions</li></ul>
Q: Identify which of the following services might be useful	<ul style="list-style-type: none"><li>• Modified language</li></ul>
Q: Identify who manages the data associated with this project	<ul style="list-style-type: none"><li>• Removed “yourself” as an option</li></ul>
Q: Identify who you would like to share raw project data with, if you had the ability to do so	<ul style="list-style-type: none"><li>• Changed question from open ended (free text) to multiple choice</li></ul>



### Answers to “Identify which of the following services might be useful”